# red1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | red1, Polyclonal Antibody |
| **Full Product Name** | Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) red1 Polyclonal Antibody |
| **Product Gene Name** | anti-red1 antibody |
| **Product Synonym Names** | red1 Antibody; Protein red1; RNA elimination defective protein 1; red1 SPAC1006.03c |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast) |
| **Form/Format** | Liquid<br>Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, pH7.4 |
| **Purity/Purification** | Antigen-affinity |
| **Preparation and Storage** | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze. |
| **Molecular Weight** | 79,489 Da |
| **3D Structure** | ModBase 3D Structure for Q9UTR8 |
| **Immunogen** | Recombinant Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast) red1 protein |
| **Conjugation** | Non-conjugate |
| **Modification** | Unmodified |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Applications Tested/Suitable for anti-red1 antibody** | ELISA (EIA), WB (Western Blot) (ensure identification of antigen) |
| **Related Product Information for anti-red1 antibody** | MBS9013510 is an antibody targeting red1. Also known as Rabbit anti-Schizosaccharomyces pombe (strain 972/24843)(Fission yeast) red1 Polyclonal Antibody. Reactive in Schizosaccharomyces pombe (strain 972/ 24843)(Fission yeast). Host: Rabbit. |
| **Other Notes** | Small volumes of anti-red1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for red1. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 429243643 |
| **NCBI GeneID** | 2543254 |
| **NCBI Accession #** | NP_594850.2 |
| **UniProt Primary Accession #** | Q9UTR8 |
| **UniProt Secondary Accession #** | Q9UTX3 |

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| **GenBank Nucleotide #** | NM_001020279.2 |
| **NCBI Official Full Name** | uncharacterized protein SPAC1006.03c |
| **NCBI Official Symbol** | red1 |
| **UniProt Protein Name** | Protein red1 |
| **UniProt Synonym Protein Names** | RNA elimination defective protein 1 |
| **Protein Family** | NADP-dependent oxidoreductase |
| **UniProt Gene Name** | red1 |
| **NCBI Protein Information** | hypothetical protein |
| **UniProt Comments for red1** | Required for elimination of meiosis-specific mRNAs from mitotic cells. Promotes the destabilization of mRNAs containing a degradation signal sequence called determinant of selective removal (DSR) to prevent ectopic expression of meiotic mRNAs in vegetative cells. |
| **Research Articles on red1** | **1.** The authors report that Red1, a novel protein, is essential for elimination of meiotic mRNAs from mitotic cells. |
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